

Prepared by

RL Air for CTD

S/N	END	Date	Work Permit	Supv	Appr by (DuPont Oper.)	Description	From	To	E-Mail
		5/28/07					Title V Permit 0280-0007- V4 and PSD-1A- issued		
		1/31/12							
		2/1/12							
		2/8/12							
		2/13/12							

.I # 67572)

Timeline

	Operator Log	Safety Zone Daily Checklist	Initial Incident Report
Statements			
Reference to Forward Energy Intg of 1/26/14 Worried and concerned. Termination of 2 young African American DuPont workers as well as 17 yr veteran			
Reference to "pretty nice size SO3 gas leak on top of CIP exchanger." Could not get enough vacuum to suck up entire leak. Increased vacuum from system add'l 10" to reach 20" but still not enough. Stack opacity at night appears greater than 10% opacity. Realized that best observation time is between 10 am - 2 pm but did not think it absolves from regulations.	"B" KBR working on gas leak on CIP. Left still leaking....gas leak on inlet of CIP. Sent e-mail message to [redacted] came in pulled into shop to let [redacted] know if [redacted] sends another email to him or [redacted] regarding leaks or the stack opacity [redacted] will be in big trouble. Said you wanna play that game let's play & see who lasts the longest. [redacted] said only reporting a bad leak with offsite impact. [redacted] had already instructed [redacted] to start cutting rates. overroad (sp.) & said do not cut rates refused three times to ride to back of plant to see leak. [redacted] said [redacted] was doing job. Apologized (sp.) for getting angry. [redacted] apologized also.		
			Leaking flange on downstream side of the vent valve on railcar DUPX 12576. DuPont Operator contacted DuPont Mechanic to report SO3 leak at railcar while loading. The mechanic reported to the site. [add'l notes on report]
E-mail sent to people [redacted] could trust Described the evening shift with attempts to mitigate leak of SO3 on CIP exchanger. Reports e-mailing supervisor and agreed to cut feed rate on 1 gun. Board operator would not reduce feed since [redacted] was on site. [redacted] in Control Room and [redacted] and [redacted] met in stores [redacted] Yelled at and told [redacted] if [redacted] wanted to play games [redacted] could play and said "we will see who will last longer." Told not to e-mail [redacted] or [redacted] out leaks or environmental releases or [redacted] would be in big trouble. [redacted] refused 3 times to see the release (one time in front of [redacted] and [redacted]). Said [redacted] was the plant mgr and it was not going offsite and "that was that." Discussed threatening attitude of mgmt since change from [redacted] to [redacted]. Questioned if they should contact corporate HR.			
Undated, handwritten page: "Spoke to our process engineer (a friend of mine) [redacted] who informed me the reason the plant manager's (sp) are very reluctant to report offsite releases (sp) is because it is a \$25,000 fine per day, which gives them a bad record."			

START	END	Work Orders				E/M/	
Date	Date	Work Permit	Supv	Appr by (Dupont Oper.)	Description	From	To
2/14/12							
2/14/12							
2/18/12							
3/1/12							
3/2/12							
3/13/12							
3/18/12							

cc: et al

	Operator Log	Safety Zone Daily Checklist	Burnside Initial Incident Report
<p>Statements</p> <p>Acknowledged e-mail. Still worried about and being an African American. Warned that if called HR, do it in the proper order.</p> <p>Feel like any mistake can be your last. Hopeful that things will turn positive. No teamwork.</p>			
	Monitored converter gas leak -- bad need to fix.		
	"B" Noted SO3 gas leaking off converter area may not be getting off site not as bad as previous leaks.		
"Curious about the comment [in the original Forward Energy 3/2/12 e-mail from on leaks....If the person who wrote it would come see me I would appreciate it."			
Forwarding of e-mail from Ecc:	/HO to		
<p>II Issued, L1 Converter Gas Leaks: c/r tecn noticed some smoke. Confirmed SO3 forming acid mist. Noticed SO2 and found source at inlet duct damper to the 1st pass. [Note: MitC is Manage It Central where the incidents are logged and closing comments are logged per the O&M Plan submitted under the CD. Not clear if MitC is only for "formal incident investigations" or all incident investigations.]</p>			
	<p>Incident first report Rail Racks wrote car with no cap GATX 6028. II in ??? o cover. "C" Vapor leak coming from CIP. Leak seen travelling past fence line. Notified Management via phone message. Will call , next. KBR found 2 vacuum hose nozzles were bad & repaired them. Could have had sulfur in spent since Mar 13th. : crew did good job leak is gone.</p>	<p>21:00 9. Any unusual sighting or events during patrols? SO3 gas leaks</p>	<p>4 Incident reports:</p> <p>1) Night shift. N fence perimeter. Driving on the plant along the north perimeter of the fence line to verify if a gas leak was beyond the plant perimeter. While driving the truck it became stuck in the mud/soft ground. Left truck & wrote up the truck status in the red book for maintenance to assist in the morning. [Is this how work orders are initiated? Is there a formal work order system?</p> <p>2) 8:00 pm Acio gas leak at the CIP (Top side of CIP). Operations called maintenance to report gas leak on the CIP. Upon investigation it was discovered that the vacuum box insert had corroded, therefore we lost vacuum at that point. It was reported that the gas was not traveling past the fence line. Chemical released: small amount of SO3</p> <p>3) Date reported: 3/19/12. Incident date: 3/18/12. Incident time: not sure. Area: North Fence Perimeter. SO3 leak crossing fence line toward Ormet and making nighty (sp) security perimeter inspection as per Homeland Security regs. Noticed that the leak was patting offsite. Truck would not move stuck in mud. Contacted and . A crew fix leak.</p> <p>4) Date reported: 3/19/12. Incident date: 3/18/12. Incident time: approx 8:30 pm. A gas leak on the CIP Exchanger was noticed by the outside operator. Contacted supervision and</p>

START		END		Work Orders		From		To	
Date	Date	Work Permit	Supv	Appr by (Dir, not Oper.)	Description				
3/20/12									
3/23/12									
3/24/12									
3/29/12									
3/29/12									
4/4/12									
4/6/12									

Contractor/AE
cc: et al

Timeline

is	Operator Log	Safety Zone Daily Checklist	Initial Incident Report
<p>Statements</p> <p>Forwarding of e-mail from self: Approve Rating, Railcar Derail. CN was attempting to deliver cards to the site when 2 railcars (one SO3 and one fresh air) derailed damaging the security fence.</p>			<p>Date reported 4/4/12. Anonymous complaint to LDEQ regarding visible emissions and from the the plant stack and odors coming from the plant. Called at 9:15 am on 4/4/12 following up on an anonymous complaint called to office 3/20/12. Informed that plant had been running steadily for the entire year at low rates with no upsets or shutdowns. Look at stack daily and perform Method 9 opacity readings weekly. Have not observed any visible emission problems. Long stated that "we were not experiencing any issues with our stack."</p>
			<p>Incident time: 9:45 pm. Entergy voltage drop resulting in plant going down.....Plant was secured and restarted per procedures within one hour.</p>
			<p>Incident time: 1:12 am. SO3 backfeed into Control Panel on Loading Rack....due to loss of N2 pressure at the rack and failure of the S23G check valves. Chemical released: small amount of SO3.</p>
<p>ISO 14001 Environmental Management Representative (EMR) Appointment - re-communication of appt of is EMR for Burnside Plant. Initial communication was Fall 2008 by</p>			
<p>First Reports. "All: Seven incidents in a little over a week is above normal. Fortunately, we have been able to maintain the first item in the Top 5 - Protect Yourself, Your Coworkers, and The Environment." Attached files: 3/23/12 Entergy Voltage drop; CIP gas leak 3/19/12; SO3 in control panel at loading rack; Railcar cap not in place; 3/19/12 CIP gas leak; Derail at 5,7 rack; Burnside First Report - Elec Junction Box</p>			
<p>MyInfo Sick Time: While on shift log into myinfo and input your sick time for 1/28 and 2/7. I will follow-up next week in myinfo. If you have questions let me know. Regard:</p>	<p>"D" SO3 leak on thermowell on reboiler. Shutdown SO3, drained system, locked out system and pulled vacuum. "C"Working on lowering the conductivity on the boilers. Got permission from to remove their locks from the SO3 system to be able to relieve the pressure from the storage tank and the receiver tank!!</p>		
<p>MyInfo Sick Time: .." Thought only missed 1 day in 2012 on 1/28 for severe pain in back of head/neck. Thought migraine, but Dr thought pulled muscle from railcars done the day(s) before. On 2/7 DuPont sent me to medical after I was warned to be careful because it would result in lost work day for plant. suggested diagnosis was correct. I stated was at work later that day and did not miss work on 2/7.</p>			

START Date	END Date	Work Orders					From	To
		Work Permit	Supv	Appr by (DuPont Oper.)	Description			
4/10/12								
4/11/12								
4/12/12								
4/13/12								
4/16/12								
4/16/12								
4/17/12								

cc: et al

Timeline

Is	Operator Log	Safety Zone Daily Checklist	Initial Incident Report
Statements			
	"J" CIP gas leak going offsite & stack ???		Date reported: 4/11/12. Incident date: 4/10/12 (actual date appears to be 4/11/12 since it was relayed at the shift change at 5 am on 4/11/12.) CIP Gas Leak & minor stack. Day shift notified maintenance of CIP gas leak and noted a possible stack at approx. 5 am. Written to fix/mitigate the leak. Process variables when adjusted to increase the gas temperature inlet the FAT for the stack mitigation. Chemical released: small amount of SO3.
First Reports "As a reminder attached is the first report process for handling S. incidents. Documentation of incidents on other forms is unacceptable. A binder with blank copies, completed reports and a copy of the process is in the control room." [File: First Report Process Map.ppt]			05:00 Gas SO3 & SO2 leaking offsite toward Motiva - southward. Told inside operator when coming in for shift change (BR) had workers re-establish vacuum. Env Deviation: Yes.
Re: Communication. E-mail response to mail describing steps taken to fill the shipping clerk position.			
...What we are doing right that we should continue to focus our energy on?...Good job sucking up all leaks so they don't get offsite anymore, focus on making acid for customers... What issues/problems exist that are preventing us from continuous improvement? - Absolutely no ethics in DuPont management any more..... - Questionable hiring practices continue to be the main churn [add'l references to hiring practices]			
Re: FORWARD ENERGY -- 4/12/12: "I am disappointed that many assumptions have led to low energy and potential distractions. If anybody feels that cannot work safely due to being in an improper state of mind, please see me. (4/13/12. Forward Energy e-mail attached)			
Re: Communication. is well aware of the concerns I have and I am sure you have shared them with you.			
Re: Communication. "I would like to speak with you regarding your concern. Please advise of a good time. Thanks"			
Re: Communication. Being advised by 2 attorneys and not so speak anymore to anyone regarding this matter. Provided contact number for attorney. Offered to speak about any other DuPont matter.			

START	END	Work Orders					From		To
Date	Date	Work Permit	Supp	Appr by (Dupent Oper.)	Description				
4/25/12									
4/25/12									
4/28/12									
4/30/12									
5/2/12									

Timeline

Emails	Operator Log	Safety Zone Daily Checklist	Initial Incident Report
Statements			
<p>Response: Have attempted to discuss concerns w/ selection of shipping clerk selection process a couple of times in last 2 weeks. Have confirmed not interested in having a conversation. Matter closed. Reminded to raise concerns and issues in respectful/appropriate way. "Disruptive and disrespectful conduct will not be tolerated."</p>			
<p>Response to your response. [Long response regarding testing procedures, harrasment, threats]</p>			
			<p>2 different reports: [both by _____ or the same time. Why?]</p> <p>1) 06:00 I was making rounds throughout the plant as usual when I noticed what appeared to be a gaseous leak coming from the CIP. I approached the leak from different angles just to make sure of my assertions. After I was convinced of what I was looking at, I notified the board Operator and notified the Supervisor. The Supervisor gave a directive to call maintenance so they could come out and take the necessary actions to stop the leak. Chemical released: gas leak.</p> <p>2) 06:00 Operator was making rounds throughout the plant when it noticed of what appeared to be a gas leak coming from the CIP. The CIP was approached to make sure it was a leak. At which point, the board operator was notified of the leak and then notified the supervisor. The supervisor gas a directive to call maintenance so they could come and stop the leak. Maintenance stopped the leak due to a collapsed hose. Chemical released: SO₂</p>
			<p>CIP Gas Leak. Incident date: 4/30/12. Incident time: 6:45 am. CIP/HIP Exchanger Area. CIP gas leak from a collapsed hose performed on 4/28/12 [why is this reported? And the Incident Date is 4/30/12 not 4/28/12?] Re-positioned the hose to capture the leak into system. Chemical released: small amount of SO₃.</p>
<p>Hot Line Case 3114. Reviewed complaint about process for filling Admin Specialist position. failed test, thus ineligible for position. Case is closed.</p>			

START		END		Work Orders				
Date	Date	Work Permit	Supv	Appr by (Our/Ent Oper.)	Description	From	To	EJ
5/4/12								
5/4/12								
5/18/12								

Timeline

tails	Operator Log	Safety Zone Daily Checklist	Burnside Initial Incident Report
<p>Statements</p> <p>Hot Line Case 3114. Discussed exceptions to testing for a job he did not get. Discussed complaints with [redacted] retaliation from bringing up discriminatory practices 2) new complaint that plant mgr 8 retaliated for reporting Gas leaks on the site that has been trying to cover up. "In fact, [redacted] had previously come out to the site and threatened me by saying I could get myself in a lot of trouble for putting the gas leaks in writing and that [redacted] didn't care if I wrote it down and put it in my locker but I was not to put it in the computer because it make a legal document. I expressed that I was doing my job no different than I had ever done and would continue that I am legally obligated to report any and all leaks to my supervisor." [redacted] then stated that [redacted] had been falsely written up and was given a "note to folder" which put him on notice that further disruptions or deviations would result in probation or possibly separation from the company. [redacted] requested Corporate HR intervention.</p>			
<p>May 1, 2012 Note to File. [Long e-mail addressing each of the allegations in the Note to File. See item 10 - reference to out of spec shipment [redacted] states that the 2011 log book (red book), used to record operator notes, was missing.</p>			
			<p>Incident date/time: 5/14/12 - 23:00 thru 5/15/12 - 05:00. CIP area (above). Noticed gas leak travelling south over the hothouse when doing nightly Homeland Security check. Notified [redacted] and [redacted] new verified with me that it is not very bad but it is leaking. Called [redacted] supervisor, who said write first report and tell relief to adjust hoses when KBR gets in. Chemical release: SO2 & SO3.</p>
<p>Hot Line Case 3114. Response to 5/4/12 e-mail from [redacted] No additional issues already investigated and addressed.</p>			

START	END	Work Orders				E-Mail	
Date	Date	Work Permit	Supv	Appr by (DuPont Oper.)	Description	From	To
5/19/12							
5/20/12							
5/22/12							
5/23/12	5/23/12	460			KBR - HIP & CIP area. Install suction hose and box on gas leaks		
5/24/12	5/24/12	465	???		KBR - CIP & HIP[????]. Install ??? 6" vacuum hose on gas leak? - Install 6 on 12 CPVC SADDLE ??? 12' vent line install ???		

Timeline

	Operator Log	Safety Zone Daily Checklist	Initial Incident Report
Statements			
	"A" There is a leak coming from the top of the HIP or maybe the CIP. Sup(ervisor??) has been notified. DHS		17:00 [unsure of date since Date Reported field stated "My initial discovery of leak being as visual as it was the date is 5/19/12" while the Incident Date field has "5/20/12".] I was making rounds in the water plant when I started getting an irritable feeling in my eyes. My mouth began having an unusual taste when brought on curious concerns. I called the control room and talked to the board operator about my concerns and fact that I would like to have an SO2 meter to determine if I am getting exposed to anything hazardous citing a exchanger leak that we have been having. I searched the lab, control room and elsewhere searching for a SO2 meter. I wasn't successful in my attempt to locate a working meter however; I found one but it was inoperable. I was thinking that maybe something airborne may have flown in my eyes and maybe something I ate caused me to have that unusual taste in my mouth. I wasn't quite sure.
			2 incident reports (both by 1) [Handwritten version] 04:15 Gas Leak on the "HIP" and "CIP." While making final rounds the outside operator noticed a smell of acid in the water plant and upon further investigation they noticed a steady cloud of gas coming from the top of the HIP exchanger. Increased vacuum and began to notify supervision for the next course of action. Supervision contacted and had maintenance contractors come out to mitigate the leak. 2) [typed version] [the following phrase was added after "and began to notify supervision for the next course of action."] Supervision contacted and had maintenance contractors come out to mitigate the leak. Environmental Deviation: No. [If someone else added the additional info, why is there no additional name in the 'Report Completed by' field?]
Safety Milestone. Congratulations for 365 days w/out a recordable injury. [Handwritten: "Even though I had to go to the doctor for breathing gas into lungs."]	"C" went home sick - Because of gas leak...breathing in [appears to be different handwriting]		
	"B" 4:45 am noticed HIP gas leak making relief		
	"B" Couldn't go to water. Plant fumes from HIP. Gas leak is too bad -- called supervision (sp) about gas leaks already knew about it, will address on SAT.	21:30 9. Any unusual sightings or events during patrols? Gas leaking North above HIP & CIP straight up.	Handwritten version: [handwritten at top: "I wrote this read how they interpreted what I wrote on next page."] 21:30 Above HIP & CIP. Noticed while doing my initial Homeland security check SO3 & SO2 gas coming off hoses above exchangers going North offsite. Called supervision to report gas said will have people available SAT. to rework hoses. Typed version (next page): 21:30 HIP. Gas leak on the HIP Heat Exchanger. While making Homeland security check gas leak was noticed coming off the hoses (sp) above the HIP. Notified supervision. Other action recommended: Reduce sulfur burden in order to reduce pressure across the heat exchanger.

START		END		Mile Orders		E.M.D	
Date	Date	Work Permit	Supervisor	Apprentice (Dupont)	Description	From	To
5/26/12	5/26/12	78750	no field on this work of	no field on this work of	Outfront Maint. CIP & HIP Exchanger Reconnecting suction lines		(can't see entire list)
5/26/12	5/26/12	474			KTR, CIP & HIP. Repair gas leak on HIP. Check all other hoses		
5/27/12	5/27/12	78752	no field on this work of		Be aware of your surroundings. KBR, HIP. Repair gas leak.		
5/28/12	5/28/12	475			KBR, CIP & HIP. Check on suction hose on gas leak		
1/5/14							

Timeline

	Operator Log	Safety Zone Daily Checklist	Initial Incident Report
Statements			
<p>Forward Energy 1/24/12: What issues/problems exist that re preventing us from continuous improvement?</p> <p>- We must take the time to address little things before they become big things.</p> <p>Concern re gas leaks [Handwritten: "Someone wrote in Forward Energy."]</p>			<p>21:30 Still leaking from yesterday going North. (no body came to Called supervision and left message.</p>
	Nozzles on hoses were hot (CIP gas leak)		